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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/816,802

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Konstantinos Psounis

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7590

10/16/2006

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. BOX 2938

MINNEAPOLIS, MN 55402

EXAMINER

WILLETT, STEPHAN F

ART UNIT

PAPER NUMBER

2142

DATE MAILED: 10/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/816,802

Applicant(s)

PSOUNIS ET AL.

Examiner

Stephan F. Willett

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 42-48, 57 and 58 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 42-48, 57 and 58 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>7/11/05</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 42-48, 57-58 are allowed.

1. The following is an examiner's statement of reasons for allowance: independent claim(s) 42, 45 teach receiving a user request, retrieving a document, comparing the document to base file in a document class of similar layouts, associating the document with a document class if the difference between document and the base file is less than a threshold in an automated manner, creating a condensed document based on the base file and transmitting the condensed document.

2. The closest prior art of record, Chan, does not teach associating the document with a document class if the difference between document and the base file is less than a threshold in an automated manner.

3. In addition, the Mogul Internet draft describes a "uniqueness scope" along with Delta encoding. The delta encoding describes a similar document class as in this application. The "uniqueness scope" described in Mogul on page 14 involves a tag in a header relating to previous requested documents. The scope does not describe a specific threshold value to determine if a requested document will be associated with a class document.

4. FineGround Networks, Deploying FineGround Condensers in an SSL Environment describes a "Base-File Anonymity level" on page 4. The anonymity level involves the security of users similar to the third aspect presently described in your specification. The anonymity level relates to previous requested documents in cache and creating the base file. The anonymity

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level does not involve determining whether a base file will be used, or determining whether a base file will be used based on a threshold value.

5. FineGround Networks, Breaking New Ground in Content Acceleration on page 5 describes a "Class-Based Condensation. The class based condensation describes a similar class document as in Mogul. The condensation in Breaking New Ground describes a template based on "similar layouts" as claimed. However, again Breaking New Ground does not describe a threshold value to determine if a requested document will be associated with a class document. Therefore, independent claims 42, 45 are allowable over the prior art.

6. Claims 43-44, 46-48, 57-58 are allowed by the same rational as well as the further limitations added by these dependent claims.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

1. This application is in condition for allowance except for the following formal matters:

***Abstract***

3. The abstract of the disclosure is objected to because the abstract must be descriptive of the subject matter of the allowed claims. Correction is required. See MPEP § 608.01(b).

***Specification***

4. The disclosure is objected to because of the following informalities: The co-pending application listed on page 1 of the specification has not been updated. Appropriate correction is required.

5. The summary of the invention is objected to under 37 CFR 1.73 because it is not commensurate with the invention as claimed. The summary of the invention must be descriptive of the subject matter of the allowed claims. The description of unclaimed aspects of the invention should be deleted.

6. This application presents a claim for subject matter not originally claimed or embraced in the statement of the invention. The claims as originally filed did not describe the delta differences or the similar layouts as amended. A supplemental oath or declaration is required under 37 CFR 1.67. The new oath or declaration must properly identify the application of which it is to form a part, preferably by application number and filing date in the body of the oath or declaration. See MPEP §§ 602.01 and 602.02.

2. As allowable subject matter has been indicated, applicant's reply must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP § 707.07(a).

1. Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213. A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

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**Conclusion**

1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephan Willett whose telephone number is (571)272-3890. The examiner can normally be reached Monday through Friday from 8:00 AM to 6:00 PM.

1. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell, can be reached on (571)272-3868. The fax phone number for the organization where this application or proceeding is assigned is (571)273-8300.

2. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571)272-2100.

sfw

October 11, 2006



ANDREW CALDWELL  
SUPERVISORY PATENT EXAMINER